

WEST Search History

Hide Items

Restore

Clear

Cancel

DATE: Wednesday, June 09, 2004

Hide?	Set Name	Query	Hit Count
<i>DB=USPT; PLUR=YES; OP=AND</i>			
<input type="checkbox"/>	L1	(taylorella\$ or equigenital\$.ti,ab,clm.	0
<input type="checkbox"/>	L2	(taylore\$ or equigenital\$.ti,ab,clm.	0
<input type="checkbox"/>	L3	(taylore\$ or equigenital\$)	13
<input type="checkbox"/>	L4	(taylore\$ or equigenit\$)	13
<input type="checkbox"/>	L5	L4 not l3	0
<i>DB=EPAB,JPAB,DWPI; PLUR=YES; OP=AND</i>			
<input type="checkbox"/>	L6	(taylore\$ or equigenital\$)	2
<i>DB=PGPB; PLUR=YES; OP=AND</i>			
<input type="checkbox"/>	L7	(taylore\$ or equigenital\$)	5

END OF SEARCH HISTORY

update
by
WSP

WEST Search History

DATE: Wednesday, June 09, 2004

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=USPT; PLUR=YES; OP=AND</i>			
<input type="checkbox"/>	L1	(taylorella\$ or equigenital\$.ti,ab,clm.	0
<input type="checkbox"/>	L2	(taylorel\$ or equigenital\$.ti,ab,clm.	0
<input type="checkbox"/>	L3	(taylorel\$ or equigenital\$)	13
<input type="checkbox"/>	L4	(taylorel\$ or equigenit\$)	13
<input type="checkbox"/>	L5	L4 not l3	0

END OF SEARCH HISTORY

First Hit



Generate Collection

L6: Entry 1 of 2

File: EPAB

Oct 23, 1997

PUB-NO: WO009739034A1

DOCUMENT-IDENTIFIER: WO 9739034 A1

TITLE: MEANS FOR DETECTING BACTERIA OF THE TAYLORELLA EQUIGENITALIS SPECIES AND THEIR BIOLOGICAL APPLICATIONS

PUBN-DATE: October 23, 1997

INVENTOR-INFORMATION:

NAME

COUNTRY

KLEIN, FREDERIC

FR

GRADINARU, DRAGOS

FR

INT-CL (IPC): C07 K 16/12; C07 K 16/42; C07 K 14/285; C12 N 5/06; G01 N 33/569; G01 N 33/577; A61 K 39/395

EUR-CL (EPC): C07K016/12; C07K016/42

First Hit



Generate Collection

L6: Entry 2 of 2

File: DWPI

Oct 23, 1997

DERWENT-ACC-NO: 1997-526404

DERWENT-WEEK: 200225

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Monoclonal antibodies, immunogens and anti-antibodies specific for
Taylorella equigenitalis - for diagnosis, treatment and prevention of contagious
equine metritis

INVENTOR: GRADINARU, D; KLEIN, F

PRIORITY-DATA: 1996FR-0004623 (April 12, 1996)

Search Selected

Search ALL

Clear

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>WO 9739034 A1</u>	October 23, 1997	F	049	C07K016/12
<input type="checkbox"/> <u>US 20020037879 A1</u>	March 28, 2002		000	A61K031/665
<input type="checkbox"/> <u>FR 2747387 A1</u>	October 17, 1997		046	C07K016/12
<input type="checkbox"/> <u>AU 9726416 A</u>	November 7, 1997		000	C07K016/12
<input type="checkbox"/> <u>AU 708879 B</u>	August 12, 1999		000	C07K014/285

INT-CL (IPC): A01 N 57/00; A61 K 31/665; A61 K 39/395; A61 K 48/00; C07 K 14/195;
C07 K 14/285; C07 K 16/12; C07 K 16/42 ; C12 N 5/06; C12 N 5/18; G01 N 33/569; G01
N 33/577

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 13 of 13 returned.**

-
- ☐ 1. [6280741](#). 19 Aug 99; 28 Aug 01. Equine treatment and method of administering such treatment. Jessup; Ed C.. 424/256.1; 424/234.1 424/93.1 435/243. A61K039/102.
-
- ☐ 2. [6277577](#). 14 May 99; 21 Aug 01. Hybridization probes derived from the spacer region between the 16s and 23s rRNA genes for the detection of non-viral microorganisms. Rossau; Rudi, et al. 435/6; 435/91.2 536/23.1 536/24.1 536/24.32 536/24.33. C12Q001/68 C12P019/34 C07H021/04.
-
- ☐ 3. [6225111](#). 03 Aug 95; 01 May 01. Recombinant equine herpesviruses. Cochran; Mark D., et al. 435/320.1; 536/23.2 536/23.72. C12N015/86.
-
- ☐ 4. [6139846](#). 06 Jan 99; 31 Oct 00. Protein D- an IGD-binding protein of haemophilus influenzae. Forsgren; Arne. 424/256.1; 424/184.1 424/185.1 436/513 530/350. A61K039/102 A61K039/00 A61K039/38 C07K001/00 C07K014/00.
-
- ☐ 5. [6025484](#). 13 Nov 97; 15 Feb 00. Protein D--an IgD-binding protein of haemophilus influenzae. Forsgren; Arne. 536/23.7; 424/256.1 435/252.3 435/320.1 436/51 536/23.1 536/23.4 536/24.32 536/24.33. C07H021/04.
-
- ☐ 6. [5989828](#). 12 Nov 96; 23 Nov 99. Protein D-an IgD binding protein of Haemophilus influenzae. Forsgren; Arne. 435/7.1; 435/5 436/513 530/350 530/387.1. G01N033/53 C12Q001/70 H01R031/08 C07K001/00.
-
- ☐ 7. [5945282](#). 22 Apr 96; 31 Aug 99. Hybridization probes derived from the spacer region between the 16S and 23S rRNA genes for the detection of non-viral microorganisms. Rossau; Rudi, et al. 435/6; 536/23.1 536/24.1 536/24.32 536/24.33. C12Q001/68 C07H021/04.
-
- ☐ 8. [5891438](#). 14 Jul 95; 06 Apr 99. Method for stimulating production of variable region gene family restricted antibodies through B-cell superantigen vaccination. Silverman; Gregg J.. 424/185.1; 424/203.1 424/234.1 514/12 514/2 514/23 514/54 514/8 530/300 530/324. A61K039/00 A61K038/00 A01N037/18 A01N043/04.
-
- ☐ 9. [5888517](#). 25 Sep 97; 30 Mar 99. Protein D-an IgD-binding protein of Haemophilus influenzae. Forsgren; Arne. 424/256.1; 424/184.1 424/185.1 436/513 530/350. A61K039/102 A61K039/00 C07K001/00 G01N033/563.
-
- ☐ 10. [5858677](#). 05 Nov 97; 12 Jan 99. Protein D--an IgD-binding protein of haemophilus influenzae. Forsgren; Arne. 435/6; 424/256.1 435/7.32 536/23.7 536/24.3 536/24.32 536/24.33. C12Q001/68.
-
- ☐ 11. [5741696](#). 17 Feb 94; 21 Apr 98. Recombinant equine herpesviruses. Cochran; Mark D., et al. 435/235.1; 435/236 435/320.1. C12N007/01 C12N007/04 C12N015/86.
-
- ☐ 12. [5536638](#). 29 Mar 95; 16 Jul 96. Hybridization probes derived from the spacer region between the 16S and 23S rRNA genes for the detection of Neisseria gonorrhoeae. Rossau; Rudi, et al. 435/6; 435/91.2 536/24.32 536/24.33. C12Q001/68 C12P019/34 C07H021/04.
-

13. 4483851. 18 Aug 82; 20 Nov 84. Treatment for contagious equine metritis. Swerczek; Thomas W.. 514/23; 514/931. A61K031/70.

Generate Collection

Print

Terms	Documents
(tayloreI\$ or equigenital\$)	13

[Prev Page](#) [Next Page](#) [Go to Doc#](#)

First Hit Fwd Refs

L3: Entry 1 of 13

File: USPT

Aug 28, 2001

US-PAT-NO: 6280741

DOCUMENT-IDENTIFIER: US 6280741 B1

TITLE: Equine treatment and method of administering such treatment

DATE-ISSUED: August 28, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jessup; Ed C.	Canyon	TX	79105	

APPL-NO: 09/ 377088 [PALM]

DATE FILED: August 19, 1999

INT-CL: [07] A61 K 39/102

US-CL-ISSUED: 424/256.1; 424/234.1, 424/93.1, 435/243

US-CL-CURRENT: 424/256.1; 424/234.1, 424/93.1, 435/243

FIELD-OF-SEARCH: 424/93.1, 424/234.1, 424/256.1, 424/203.1, 435/101, 435/243

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

Clear

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4701323</u>	October 1987	Roth et al.	
<input type="checkbox"/>	<u>4877613</u>	October 1989	Vedros et al.	
<input type="checkbox"/>	<u>4981685</u>	January 1991	Healy	
<input type="checkbox"/>	<u>5456914</u>	October 1995	Stine et al.	424/256.1

OTHER PUBLICATIONS

1995, Haemophilus and Taylorella, in Essentials of Veterinary Medicine 189-93 (5th ed. G.R. Carter, M.M. Chengappa, A.W. Roberts, eds.).

S. Rosendal and D.A. Boyd, Hemophilus, in Pathogenesis Of Bacterial Infections In Animals 132-36 (C.L. Gyles and C.O. Thoen eds.)

1982, Equine Medicine And Surgery, 1045-8 (R.A. Mansmann, E.S. McAllister, P.W. Pratt eds.).

1993-4 Veterinary Pharmaceuticals And Biologicals 445-7, 506, 675-6, 711 (8th ed. L. Darling ed.).

1985, Pathology Of Domestic Animals, 63-4 (K.V.F. Jubb, P.C. Kennedy, N. Palmer eds.).

Pathogenesis of Bacterial Infections in Animals, 132-136, (S. Rosendal and D. A. Boyd).

Considerations on the Pathogenesis of Navicular Disease, in Equine Veterinary Science 4-8 (K.N. Thompson, PhD., J.R. Rooney, DVM; M.B. Petrichtes-Murphy, DVM, PhD.).

Treatment and pathogenesis of navicular disease (`syndrome`) in horses, in Equine Veterinary Journal 478-481.

Pathophysiology of Navicular Syndrome, in Veterinary Clinics of North America: Equine Practice 108-129 (vol. 5, No. 1, Apr. 1989, Roy R. Pool, DVM, PhD., Dennis M. M. Meagher, DVM, PhD, and Susan M. Stover, DVM, PhD).

Navicular Disease in the Horse, in Journal of Equine Veterinary Science 19-24 (vol. 16, No. 1, 1996, R.J. Rose DVMSc, FRCVS, DipVetAn, MACVSc).

Biochemical considerations in the treatment of navicular disease, in TEH Veterinary Record 109*114 (1993, I., M. Wright J. Douglas).

Diagnosis and Treatment of the Navicular Syndrome in Horses, in Veterinary Clinics Of North America: Equine Practice 131-145 (vol. 5, No. 1, Apr. 1989, Tracey A. Turner, DVM, MS).

The Navicular Syndrome, in Journal of Equine Veterinary Science 408-410 (vol. 14, No. No. 8, 1994, Richard L. Asquith, DVM and Jan Kivipelto MS).

Navicular Disease vs. Navicular Syndrome, in Equine Practice 20-22 (vol. 16, No. 3, Mar. 1994, Patrick Colahan, DVM).

Navicular Disease in the Horse: The Effect of Controlled Intrabursal Corticoid Injection, in Equine Veterinary Science 316-320 (Jul./Aug. 1990, F. Verschooten, DVM, P. Desmet, DVM, K. Peremans, DVM and T. Picavet, DVM).

The Blood Supply of Normal and Diseased Navicular Bones, in Veterinary Radiology 276-281 (vol. 29, No. 6, 1988, B. Hertsch, H. Dammer).

The Nature of Enlarged "Vascular Channels" in the Navicular Bone of the Horse, in the Veterinary Radiology 60-64 (vol. 29, No. 2, 1988, Paul W. Poulos, DVM, PhD, Michael F. Smith, DVM).

The Importance of the Lateromedial View for the Radiographic Diagnosis of Navicular Disease, in Horses I Lateromedial View And Navicular Disease 172-180 (F. Verschooten).

An Effective Shoe for Navicular Disease, in Journal Of Equine Veterinary Science 295-298 (vol. 14, No. 6, 1994, Robert M. Miller, DVM).

Treating Navicular Disease, in Veterinary Medicine 454-459 (May 1997, Mark V. Crisman, DVM, MS, Dipl. ACVIM, R. Scott Pleasant, DVM, MS, Dipl. ACVS).

Therapy for Navicular Disease, in The Compendium 1462-1466 (North American Edition, Gayle W. Trotter, DVM, MS Diplomate, ACVS).

ART-UNIT: 165

PRIMARY-EXAMINER: Graser; Jennifer E.

ATTY-AGENT-FIRM: Bracewell & Patterson LLP

ABSTRACT:

The invention is directed to a novel method for the use of vaccines to be used in the treatment and/or prevention of Navicular Disease in horses. The method comprises administration of a preparation of *Haemophilus somnus* (H. somnus) and/or *Haemophilus ovis* (H. ovis) or a combination of H. somnus and H. ovis antigen, by intramuscular injection. Vaccination with antigens specific to these bacilli will prevent onset of Navicular Disease and will prevent further degeneration of the Navicular bone and bursa in animals afflicted with the disease.

6 Claims, 0 Drawing figures

[First Hit](#) [Fwd Refs](#)

Generate Collection

Print

L3: Entry 1 of 13

File: USPT

Aug 28, 2001

US-PAT-NO: 6280741

DOCUMENT-IDENTIFIER: US 6280741 B1

TITLE: Equine treatment and method of administering such treatment

DATE-ISSUED: August 28, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jessup; Ed C.	Canyon	TX	79105	

US-CL-CURRENT: 424/256.1; 424/234.1, 424/93.1, 435/243

CLAIMS:

What is claimed is:

1. A method of treating a horse for navicular disease comprising:

administering to said horse an effective amount of an H. somnus vaccine, said H. somnus vaccine containing a killed bacterin of Haemophilus.

2. The method of claim 1 wherein the effective amount of an H. somnus vaccine is at least about 5.0 milliliters.

3. The method of claim 2 wherein said vaccine is administered to the horse at least six times.

4. The method of claim 2 wherein said vaccine is administered to the horse once per week.

5. The method of claim 2 wherein said vaccine is administered to the horse at least periodically.

6. The method of claims 3 to 5 wherein the administering step includes injecting said vaccine into the neck of the horse by intramuscular injection.

[First Hit](#) [Fwd Refs](#)

Generate Collection

Print

L3: Entry 8 of 13

File: USPT

Apr 6, 1999

US-PAT-NO: 5891438

DOCUMENT-IDENTIFIER: US 5891438 A

TITLE: Method for stimulating production of variable region gene family restricted antibodies through B-cell superantigen vaccination

DATE-ISSUED: April 6, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Silverman; Gregg J.	Encinitas	CA		

US-CL-CURRENT: 424/185.1; 424/203.1, 424/234.1, 514/12, 514/2, 514/23, 514/54,
514/8, 530/300, 530/324

CLAIMS:

I claim:

1. A composition comprising a peptide and a microbial polysaccharide antigen or glycoprotein antigen wherein the peptide is a B cell superantigen with Fab antibody binding specificity and the amino acid sequence of SEQ. ID. No. 51.
2. A composition according to claim 1 wherein the microbial polysaccharide antigen stimulates production in vertebrates of antibodies restricted to the V.sub.H 3 family.
3. A method for stimulating the production of variable (V) region family restricted antibodies against one or more microbial polysaccharide antigens or glycoprotein antigens in a vertebrate host, the method comprising:

administering a peptide wherein the peptide is a B cell superantigen with Fab antibody binding specificity and the amino acid sequence of SEQ. ID. No. 51 concomitantly with at least one of said microbial polysaccharide antigens or glycoprotein antigens to the host, wherein said administering stimulates B cell proliferation and production by the host of variable region restricted antibodies with binding specificity for the microbial polysaccharide antigens or glycoprotein antigens.



US 20020037879A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2002/0037879 A1**
KLEIN et al. (43) **Pub. Date: Mar. 28, 2002**

(54) **MEANS FOR DETECTING BACTERIA OF
THE TAYLORELLA EQUIGENITALIS
SPECIES AND THEIR BIOLOGICAL
APPLICATIONS**

(76) **Inventors: FREDERIC KLEIN, ALENCON (FR);
DRAGOS GRADINARU, ALENCON
(FR)**

**Correspondence Address:
BURNS DOANE SWECKER & MATHIS L L P
POST OFFICE BOX 1404
ALEXANDRIA, VA 22313-1404 (US)**

(*) **Notice:** This is a publication of a continued prosecution application (CPA) filed under 37 CFR 1.53(d).

(21) **Appl. No.: 09/155,982**

(22) **PCT Filed: Apr. 11, 1997**

(86) **PCT No.: PCT/FR97/00649**

(30) **Foreign Application Priority Data**

Apr. 12, 1996 (FR)..... 96 04623

Publication Classification

(51) **Int. Cl.⁷ A61K 31/665; A01N 57/00**

(52) **U.S. Cl. 514/100**

(57) **ABSTRACT**

The invention concerns monoclonal antibodies and their biological applications. These monoclonal antibodies are characterised by the fact that they recognize an epitope of a bacterium of the *T. equigenitalis* species.